GENERAL TECHNOLOGY EQUIPMENT SCHEDULE THE SYMBOLS AND THE MATERIAL LIST ARE FOR THE CONVENIENCE OF THE CONTRACTOR. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF QUANTITIES AND SHALL FURNISH ALL MATERIAL REQUIRED, WHETHER SPECIFIED OR NOT, TO PRODUCE A CATALOG NUMBERS SHALL NOT BE CONSIDERED COMPLETE BUT ARE GIVEN ONLY TO AID THE CONTRACTOR IN THE SEARCH FOR MATERIAL. NO MATERIAL SHALL BE ORDERED BY MANUFACTURER AND CATALOG NUMBER ONLY. EACH CONTRACTOR SHALL FIRST READ THE COMPLETE DESCRIPTION OF THE MATERIAL ON THESE DRAWINGS AND SPECIFICATIONS. THE FIRST MANUFACTURER LISTED IS THE BASIS OF DESIGN. "STANDARD COLOR" INDICATES FACTORY FINISH AVAILABLE AT NO ADDITIONAL CHARGE. ITEM NO. SYMBOL DESCRIPTION APPROVED MANUFACTURERS RACK MOUNT CCTV POWER SUPPLY, INDOOR, 120VAC INPUT, 24/28 VAC OUTPUT, MINIMUM 8 OUTPUTS SIZED AS REQUIRED FOR NUMBER OF OUTPUTS SERVED, POWER TO EXTERIOR CAMERAS. OR APPROVED EQUAL 2 CCTV-NVR NETWORK VIDEO RECORDER. APPLIANCE WITH EMBEDDED OS, CAPABLE OF RECORDING 32 CAMERAS WITH CAPACITY FOR 30 DAYS. ONSSI, EXACQ OR APPROVED EQUAL MIDDLE ATLANTIC SC-RGB-1 RACK GROUND BAR, SOLID COPPER, 1/8" THINK X 2" WIDE BB-## Where ## Defines OR APPROVED EQUAL CCTV MONITOR, LCD TYPE, LCD, 1920X 1080 RESOLUTION, HDMI, DVI, VGA AND S MDEO INPUTS, 65" REFER TO SPECIFICATION SECTION 28 23 00 FOR COMPLETE INFORMATION. OR APPROVED EQUAL CCTV SYSTEM HEADEND SOFTWARE, REFER TO SPECIFICATION SECTION 28 23 00 FOR COMPLETE INFORMATION. GENETEC ONSSI, EXACQ OR APPROVED EQUAL CCTV-PS EXTERIOR PTZ CAMERA POWER SUPPLY, OUTDOOR, 120VAC INPUT, 24/28VAC WCS SERIES OUTPUT, AC POWER INDICATOR WITH MASTER ON/OFF SWITCH, 1-4 INDIVIDUALLY FUSED OUTPUTS, POWER SUPPLY SIZED AS REQUIRED FOR NUMBER OF CAMERAS SERVED. OR APPROVED EQUAL SC-MPP-1 MODULAR PATCH PANEL, 48 MODULAR RJ-45 TERMINATIONS, MOUNTS DIRECTLY TO EIA/TIA STANDARD 19" RELAY RACK, PORT IDENTIFICATION NUMBERS, PROVIDED WITH COLOR CODING AND LABEL HOLDER KITS, U.L. LISTED. REQUIRES (2) 1.75" MOUNTING SPACES. THE SIEMON COMPANY SYSTIMAX SC-PS-1 POWER STRIP, HORIZONTALLY MOUNTS IN A STANDARD EIA/TIA 19" RACK, (10) HPWPWR REAR RECEPTACLES, 125VAC/60Hz, PROVIDE WITH 10'-0" CORD., INTERNAL CIRCUIT BREAKER, U.L. LISTED. REQUIRES (1) 1.75" MOUNTING SPACE. CHATSWORTH PRODUCTS
TRIPP LITE TELECOMMUNICATIONS TERMINAL BOARD, 4' X 8' X 3/4" A—C GRADE FIRE—RATED PLYWOOD. EXPOSED SIDE SHALL BE SMOOTH. MOUNT VERTICALLY WITH TOP OF ENCLOSED CABINET RACK, 79.5" HIGH x 35" DEEP, STANDARD 19" MOUNTING SPACE, LOCKING, VENTILATED FRONT AND REAR DOORS, VENTILATED TOP COVER WITH FANS. MEETS EIA-310-E REQUIREMENT, PROVIDES (42) 1.75" MOUNTING CHATSWORTH PRODUCTS OPTICAL FIBER DISTRIBUTION CABINET, HIGH DENSITY, MINIMUM 144 FIBER CAPACITY, PANDUIT 11 SC-FDC-1 PROVIDE WITH CLAMP AND GROUNDING KIT, COUPLING PANELS, SC CONNECTORS, COUPLINGS AND JUMPERS. REQUIRES 4 1.75" MOUNTING SPACES. ORTRONICS THE SIEMON COMPANY SYSTIMAX 12 SC-GND-1 WALL-MOUNT GROUND BAR. 4" H X 12" L X 1/4" D COPPER, ELECTRICALLY CHATSWORTH PRODUCTS ISOLATED BY INSULATORS INTEGRAL TO MOUNTING BRACKETS. PROVIDE UNIT CONFIGURED WITH SIXTEEN (16) SETS OF 5/16" HOLES SPACED 5/8" ON CENTER TO ACCOMMODATE "A" SPACED TWO-HOLE COMPRESSION LUGS AND THREE (3) SETS OF 7/16" HOLES SPACED 1" ON CENTER TO ACCOMMODATE "C" SPACED TWO-HOLE COMPRESSION LUGS. ANSI/EIA/TIA-607 AND BICSI COMPLIANT. UL LISTED. REFER TO 8/00TY301 FOR ADDITIONAL INFORMATION. 13 HC-1 HORIZONTAL CROSS-CONNECT, SEE PLANS FOR LOCATIONS AND LAYOUT. 14 SC-FDC-2 OPTICAL FIBER DISTRIBUTION CABINET, COMBINATION SHELF, 36 FIBER CAPACITY, SLIDE OUT RAILS TO FACILITATE FRONT ACCESS, JUMPER TROUGHS IN CONNECTOR PANELS TO REDUCE MOUNTING SPACE, PROVIDE WITH CLAMP AND GROUNDING KIT, FMD SERIES COUPLING PANELS, SC CONNECTORS, COUPLINGS AND JUMPERS. REQUIRES (1) 1.75" MOUNTING SPACES. HE SIEMON COMPANY 15 SC-MEDIA MEDIA CONVERTER, 100BASE-TX(RJ-45) TO 100BASE-FX 1300nm (SC), FOR PROTECTING THE NETWORK FROM LIGHTNING SURGES ON EXTERIOR PTZ CAMERAS. TRANSITION NETWORKS E-100BTX-FX-05(SC) INCLUDE ASSOCIATED RACK MOUNT CAGE AND POWER SUPPLY(IES) OR APPROVED EQUAL 16 SC-PIRREX PIR REQUEST TO EXIT MOTION DETECTOR. DOOR MONITOR WITH SOUNDER ALERT. ADJUSTABLE LATCH TIME, SELECTABLE FAIL SAFE/FAIL SECURE, ADJUSTABLE OR APPROVED EQUAL SOUNDER VOLUME, ACTIVATION LED, 12VDC OPERATION, SEQUENTIAL LOGIC INPUT, SEC-WS SECURITY MANAGEMENT SYSTEM WORKSTATION, FOR USE WITH INTEGRATED SECURITY MANAGEMENT SYSTEM, REFER TO SPECIFICATION SECTION 28 13 00 FOR COMPLETE INFORMATION. 18 SMS-SRV SECURITY MANAGEMENT SYSTEM SERVER, FOR USE WITH INTEGRATED SECURITY MANAGEMENT SYSTEM, ACCESS CONTROL, REFER TO SPECIFICATION SECTION 28 13 INTRUSION DETECTION SECURITY CONTROL PANEL, TO BE DETERMINED, REFER TO HONEYWELL VISTA 50 P UL SPECIFICATION SECTION 28 13 00 FOR COMPLETE INFORMATION. EIGHT PARTITIONS, DMP SUPPORTS WRELESS, UL COMMERCIAL. OR APPROVED EQUAL. CARD READER, PROVIDED AS INTEGRAL PART OF SECURITY MANAGEMENT SYSTEM, 20 REFER TO ACCESS CONTROL SYSTEM DOOR SCHEDULE FOR COMPLETE INFORMATION, BASE PART NUMBER CARD READERS SHOWN ON PLANS TO IDENTIFY INTENDED MOUNTING LOCATION, 900/910/920 BASED ON REFER TO SPECIFICATION SECTION 28 13 00 FOR COMPLETE INFORMATION. MOUNTING LOCATION CARD READER, PROVIDED AS INTEGRAL PART OF SECURITY MANAGEMENT SYSTEM, REFER TO ACCESS CONTROL SYSTEM DOOR SCHEDULE FOR COMPLETE INFORMATION, CARD READERS SHOWN ON PLANS TO IDENTIFY INTENDED MOUNTING LOCATION,

HID ICLASS SE SERIES, WITH KEYPAD, BASE PART NUMBER 921 NUMBER 921 REFER TO SPECIFICATION SECTION 28 13 00 FOR COMPLETE INFORMATION. HONEYWELL INOVONICS DURESS BUTTON, SPDT, WIRELESS, DESK MOUNT, SINGLE BUTTON. EACH DURESS BUTTON SHALL TRANSMIT SIGNALS TO THE ASSOCIATED WIRELESS LINEAR RECEIVER WHICH SHALL BE WRED TO THE NEAREST ACCESS CONTROL OR INTRUSION SYSTEM CONTROLLER AS A SYSTEM INPUT. EACH DURESS SWITCH OR APPROVED EQUAL SHALL INITIATE A BREAKOUT ALARM ON THE SECURITY MANAGEMENT WORKSTATION INDICATING UNIQUE SWITCH LOCATION. DURESS BUTTON, WIRELESS, WALL MOUNT, PUSH PLATE ACTUATOR LABELED EMERGENCY, TAMPER PROOF SCREWS. 23 EACH DURESS BUTTON SHALL TRANSMIT SIGNALS TO THE ASSOCIATED WIRELESS LINEAR RECEIVER WHICH SHALL BE WRED TO THE NEAREST ACCESS CONTROL SYSTEM OR INTRUSION SYSTEM CONTROLLER AS A SYSTEM INPUT. EACH DURESS SWITCH SHALL INITIATE A BREAKOUT ALARM ON THE SECURITY MANAGEMENT WORKSTATION PUSH PLATE, OR APPROVED FOLIAL INDUCTION OF THE SECURITY MANAGEMENT WORKSTATION PUSH PLATE, OR APPROVED FOLIAL INDICATING UNIQUE SWITCH LOCATION. ACCESS CONTROL SECURITY SYSTEM, SYMBOL INDICATES THAT DOOR HAS SECURITY FUNCTIONALITY, REFER TO ACCESS CONTROL SYSTEM DOOR SCHEDULE FOR COMPLETE REQUIREMENTS FOR EACH DOOR. REFER TO SPECIFICATION SECTION 28 13 00 FOR COMPLETE INFORMATION. DOOR POSITION INDICATOR SWITCH. INTEGRAL PART OF ACCESS CONTROL AND INTRUSION DETECTION SYSTEM, 1/4" DIAMETER, MAGNETIC, STANDARD GAP, RECESSED IN DOOR FRAME. COORDINATE INSTALLATION WITH GENERAL CONTRACTOR AND DOOR SUPPLIER. REFER TO SPECIFICATION SECTION 28 13 00 OR APPROVED EQUAL

26	™ c	MOTION DETECTOR, CEILING MOUNTED, DUAL TECHNOLOGY MICROWAVE/PIR. FORM C, 30' RADIUS RANGE. INSTALL ACCORDING TO MANUFACTURES SPECIFICATIONS.	BOSCH DS9360	
27	₽	MOTION DETECTOR, WALL MOUNTED, DUAL TECHNOLOGY MICROWAVE/PIR. FORM C, TWO SELECTABLE RANGES: APPROX 60' X 60' AND 25' X 25', ANTI-MASKING, DRAFT AND INSECT IMMUNITY, INSTALL ACCORDING TO MANUFACTURERS SPECIFICATIONS. CONTRACTOR SHALL FURNISH APPROPRIATE MOUNTING BRACKET.	OR APPROVED EQUAL BOSCH IISC-PDL1-WA18X OR APPROVED EQUAL	
28	AV-KP1-W	KEYPAD, INTRUSION DETECTION DEVICE, ALPHANUMERIC, BACKLIT KEYS, CUSTOM TEXT.	HONEYWELL 616405 OR AS COMPATIBLE WITH INTRUSION DETECTION SYSTEM.	
29	▽ °#, ▽ ^w	INFORMATION OUTLET, WALL MOUNT, 2-PORT COVERPLATE AS INDICATED ON DRAWINGS, SEE DETAIL 00TY503 FOR PIN CONFIGURATION.	COVERPLATE: PANDUIT	
		" # " INDICATES INFORMATION OUTLET FACEPLATE CONFIGURATION AS INDICATED ON THE PLANS. SEE DETAIL 00TY503.	[CFPE2 SERIES]	
		INSTALL INFORMATION OUTLET IN A 4" SQUARE BACKBOX WITH A SINGLE GANG PLASTER RING. INSTALL A 1" EMT CONDUIT TO ABOVE ACCESSIBLE CEILING. PROVIDE REMOVABLE BLANK INSERTS FOR UNUSED PORTS (PANDUIT CMB OR APPROVED EQUAL).	ORTRONICS THE SIEMON COMPANY SYSTIMAX ADC	
			JACK: PANDUIT (CAT6) CJ688TP SERIES	
			ORTRONICS THE SIEMON COMPANY SYSTIMAX	
30	SC-SW-3	NETWORK CORE SWITCH, (48) 10/100/1000 802.3af PORTS, DUAL POWER SUPPLIES, MINIMUM (16) 1 GB SFP MODULES WITH LC CONNECTORS	ADC CISCO 45030E SERIES HP BROCADE	
31	SC-SW-2	NETWORK EDGE SWTCH, (48) 10/100/1000 802.3at POE+ PORTS, DUAL POWER SUPPLIES, 1GB SFP MODULES WITH LC CONNECTORS.	CISCO 2960 SERIES HP BROCADE	
32	SC-SW-1	NETWORK EDGE SWITCH, (24) 10/100/1000 802.3at POE+ PORTS, DUAL POWER SUPPLIES, 1GB SFP MODULES WITH LC CONNECTORS.	CISCO 2960 SERIES HP BROCADE	
33	AC-ANN	AUDIBLE ANNUNCIATOR DOOR ALARM. SIGNALS TO SECURITY COMMAND CENTER (SCC), AND SCC CAN SHUNT ACTIVATION VIA OUTPUT FROM SECURITY SYSTEM	DETEX ES411-KO OR APPROVED EQUAL	
34	AC-KEYSWT	KEYSWITCH FOR SHUNTING DOOR POSITION SWITCH INPUT TO AUDIBLE ANNUNCIATOR. 12/24 VDC OPERATION WITH BI COLOR LED DPDT TO SHUNT DOOR SWITCH AND TO NOTIFY SCC THAT DOOR HAS BEEN SHUNTED. CYLINDER SHALL BE INCLUDED AND CHANGEABLE.	SECURITRON MK SERIES OR APPROVED EQUAL	
35	SC-ACP-1	ACCESS CONTROL PANEL WITH ASSOCIATED POWER SUPPLY(IES)	SOFTWARE HOUSE. LENEL, GE, HIRSCH NO APPROVED EQUAL	
36	SC-PB REX	REQUEST TO EXIT BUTTON, 0-60 SECOND PNEUMATIC ACTION, DPDT, RED MUSHROOM BUTTON.	DYNALCCK 6290 APPROVED EQUAL	
37	SC-ER-2	WALL MOUNTED EQUIPMENT RACK, 48"H x 19.75"W x 26" D, OPENS TO LEFT OR RIGHT, STRUCTURAL GRADE ALUMINUM OR COLD ROLLED STEEL, VELCRO STRAPS INCLUDED, 200 POUND EQUIPMENT CAPACITY, UNIVERSAL MOUNTING HOLE PATTERN, BLACK POWDER COAT FINISH, MEETS EIA—310—E REQUIREMENTS. PROVIDES (26) 1.75" MOUNTING SPACES, VENTED SIDES, FRONT DOOR AND REAR LOCKABLE AND KEYED ALIKE. FRONT AND REAR DOOR TAMPER SWITCHES SHALL BE INCLUDED.	HUBBELL HSQ4826 WITH REKGB GROUND KIT AND HWKF120 FAN KIT CHATSWORTH PRODUCTS B-LINE GREAT LAKES INC. HOMACO	
38	SC-UPS-1	MDF ONLINE UPS, RACKMOUNT, REMOTELY MANAGEABLE, SIZED WITH BATTERIES TO PROVIDE A MINIMUM OF FOUR HOURS OF RUN TIME, 208V INPUT, 120V, 208 V OUTPUT, RJ45 10/100 BASE T INTERFACE, SINE WAVE OUTPUT, 6 VOLTAGE OUTPUTS.	APC SMART UPS RT SERIES MINUTEMAN UPS ENDEAVOR SERIES OR APPROVED EQUAL	
39	SC-UPS-2	TR ROOM ONLINE UPS, RACKMOUNT, REMOTELY MANAGEABLE, SIZED WITH BATTERIES TO PROVIDE A MINIMUM OR FOUR HOURS OF RUN TIME, 120V INPUT, 120V OUTPUT, RJ-45 10 /100 BASEE-T INTERFACE, SINE WAVE OUTPUT, 6 VOLTAGE OUTPUTS.	APC SMART UPS SERIES MINUTEMAN UPS ENTERPRISE PLUS SERIES OR APPROVED EQUAL	
40	SC-KVM	4 PORT KVM SWITCH WHICH SUPPORTS THE INTERFACE CABLES AND OS OF CONTRACTOR FURNISHED SERVERS.	BLACK BOX OR APPROVED EQUAL	
41	AC-KBD/MON	RACKMOUNT LCD MONITOR, KEYBOARD AND TOUCHPAD MOUSE, 17" MONITOR, 1 RU HIGH.	MIDDLE ATLANTIC RM-KB-LCD-17 OR APPROVED EQUAL	
42	AC-RCVR-RF	WRELESS RECEIVER FOR PANIC SYSTEM, COMPATIBLE WITH CONTRACTOR FURNISHED TRANSMITTERS. MINIMUM 16 OUTPUTS CONFIGURED ONE PER TRANSMITTER OR SERIAL COMMUNICATION TO CONTROL PANEL, 12–24 V AC/DC, QUANTITY OF REPEATERS AND RECEIVERS REQUIRED FOR RECEIPT OF SIGNALS, INDIVIDUALLY ZONED. EACH TRANSMITTER SHALL BE INDIVIDUALLY ZONED FOR REPORTING.	HONEYWELL, INOVONICS, LINEAR OR APPROVED EQUAL.	
43	MON-2	CCTV MONITOR, LCD TYPE, LCD, 1920X 1080 RESOLUTION, HDMI, DVI, VGA AND S VIDEO INPUTS, 55" REFER TO SPECIFICATION SECTION 28 23 00 FOR COMPLETE INFORMATION.	NEC ORION VIEWZ OR APPROVED EQUAL	
52	CCTV-RADIO	WIRELESS SYSTEM FOR MIDEO TRANSMISSION, 2.4 OR 5GHZ, RATED FOR OUTDOOR USE, EACH RADIO SHALL HAVE A MINIMUM THROUGH PUT OF 25MBPS	FLUIDMESH MITO OR ENDO FIRETRADE 7000 SERIES UBIQUITI AIRMAX OR APPROVED EQUAL	

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one eighth inch = one foot

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APPROVED:President A.F.G.E. 2250	APPROVED:Energy Engineer	APPROVED:Medical Center Director	TECHNOLOGY	REPLACE SURVEILLANCE			
APPROVED:	APPROVED:Safety Manager	APPROVED:Associate Director	EQUIPMENT SCHEDULE	SYSTEM			
APPROVED:	APPROVED:Infection Control Nurse	APPROVED:Chief of Staff	Scale: AS SHOWN	Approved: TWC - JCMVAMC		Drawn By:	
APPROVED:	APPROVED:Industrial Hygienist	APPROVED:Chief of Engineering Service	Building Number: SITE	Jack C. Montgomery VA Medical Center - Muskogee, OK			

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ORIGINAL SIZE OF SHEET IS 30" X 42"